

## **Abstract**

An upper shelf assembly for a workbench is presented, consisting of one or more horizontal members bolted to one vertical member.

The horizontal member is sized in length, front to back, to permit the fastening of an integer number of dimensional lumber pieces, placed side by side, forming a holding surface. Dimensional lumber pieces are also referred to as dry dimensional lumber or framing lumber and consist of boards of standard cross section; for example 2 by 4's. The horizontal member can also support two "sets" of dimensional lumber pieces forming a butt-joint at its lengthwise centerline. A set is defined as a quantity of dimensional lumber pieces, spanning the full front-to-back length of the horizontal member, supported by two spaced apart upper shelf assemblies. The vertical member is designed with spacers and shoulder rivets that permit easy installation and results in a mate-offset condition to accommodate other members.